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Catalog

1933

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U. S. Department of Agriculture



Water Plants

La.

the
water garden
of
your dreams
is
possible
with our plants



greetings:

It gives us great pleasure to present you with the only all-aquatic plant catalog in America, and only one other in the world. We place at your disposal, no doubt, the largest variety of water plants in the world. Being aquatic plant specialists and with the two above stated facts, gives you no reason why you should not give us a trial. We place at your command our entire knowledge of water plants, for you to use as the problems confront you. Merely jot down your questions and mail them to us. In the next following paragraphs we are going to try and answer most of them now.

Sincerely,

**aquatic plant
nursery**

J. D. Mallac.

aquatic plant nursery

p. o. box 986

new orleans, louisiana

**terms of business
and general
conditions**

correspondence

Every inquiry is given careful attention. We ask that in writing us that all inquiries be made brief and clear.

orders

In writing up orders, be sure and use a full size sheet of paper, as a small sheet may get lost. Never ask questions on the same sheet that your order has been written on. Use a separate page. Please print your name and address or otherwise your order may be delayed.

terms

We accept orders only when accompanied by funds sufficient to cover the cost of the goods. We will ship C. O. D. Orders that are without funds and do not specify to ship C. O. D. will be ignored. Positively no credit allowed regardless of references.

responsibility

While we give particular attention and exercise greatest care to have our plants genuine and true to name and description, we do not give any warranty, expressed or implied, or guarantee them to live or grow or give specific results. (No reliable firm does). In case of any error on our part, it is mutually agreed between the purchaser and ourselves that we shall not be held responsible for a greater amount than the original price of the goods.

transportation

We ship all plants by parcel post or express, your choice, as follows: Plants shipped by parcel post are prepaid, BUT ARE NOT GUARANTEED. Plants shipped by express, are collect and WE GUARANTEE THEM TO ARRIVE IN GOOD CONDITION. If they should not obtain bad order slip from express man and return same to us. We will ship by express, unless advised to the contrary.

shipping season

All submerged and floating plants can be shipped the year round. Bog and shallow water plants are shipped only when all signs of freezing weather are gone.

substitution

Unless forbidden in your order, we reserve the right to send you equally good plants and better value than you asked for, when stock is exhausted. We have so many different varieties that we can make a very close substitution.

USE CYPRESS TUB GARDENS THIS TIME



pools



requisites:

All that is required are three requisites, quiet water, open sunshine and rich soil. Your reward is a splurge of colors and delicacy of perfume, at a small expense and little trouble.

IS IT EXPENSIVE?

It has been the common expression that waterlilies and ponds are very expensive. This you can disprove yourself. Once you have the pool it does not have to be replaced year after year, as in the case of land plants. Water lilies can be left in the pond over winter provided you cover the pool with boards and then heap hay or straw on top. Of course in the section where severe freezes occur, it is best to take up the tubers and keep them in the cellar. Do not allow the tubers to dry out. Let them stay in the box or pot.

HOW TO BUILD IT

Would you like to build a pool yourself very cheap? Try this. Dig a hollow with sloping sides toward the center so that it will be about two feet deep in the middle. Order some sand and cement. Make a mixture of one part cement and two parts sand. Smooth this into the hollow, directly on the bare ground, make about one to two inches thick. Allow to dry thoroughly. Fill with water and let stay for two days, drain and repeat this operation and it would be a good idea to do this a second time. Get two cheap goldfish and place in this second filling, if the fish live the pond is now ready for planting. If the fish die, keep changing the water until fish will live in the pool. Simple isn't it, why it is great fun building your own water garden. You do not know what you have been missing until you try it. Are you going to wait and let your friends beat you to it.

PLANTING

Plant the tubers so that the crown is even with the soil. They grow best in about four to twelve inches of water. Hardy water lilies can be planted in most localities after April 1st. Tropical waterlilies cannot be planted until after June 1st.

We cannot understand anyone not having a water garden of some type, considering the small cost and the little attention that is required to receive such a liberal reward. Should your grounds not be able to accomodate a large or small pool, it surely can have a tub garden. Why, we have letters telling of having tub gardens thriving wonderfully on balconies and in sun parlors. We do not recommend this, as only the best results can be obtained when the tub is sunk in the ground.

SOIL

As to the soil, obtain some good rich garden soil and to improve it get some commercial fertilizer and follow the directions as to what quantity to use.

MISCELLANEOUS

You may be troubled with an insect called aphids, they are small ant-like bugs of green and brown. Merely take a hose and wash them off the leaves. It is best to have some scavengers such as water snails to help keep the pond clean and they also eat the unsightly algae. A few fish added to the pool will keep the mosquitoes in check.

FINALE

It is so simple and so little trouble that you have no excuse for not enjoying this phase of gardening. There is an old saying that beauty cannot be bought. Therefore, it is up to you and your ideas to create this much desired beauty that only a water garden can offer. The charm of the tropics is yours, regardless of how much space you have. Why wait, eventually you will have a water garden.



Portland, Oregon.
January, 1932.

Dear Mr. Wallace:

Your plants arrived in perfect condition, and I am more than pleased with them. I found a pond snail with the plants and within fifteen minutes after being placed in the water the snail was actively at work.

Leslie M. Stark.

Havana, Cuba
December, 1931

Gentlemen:

The shipment of plants arrived in perfect condition. It was the first one ever to arrive in Cuba in such fine shape. We are so pleased all our plants will come from you.

EL AQUARIUM



hardy water lilies



NYMPHEA ODORATA MINOR (White)

The most popular of all lilies for the tub garden. It will adapt itself under those conditions quicker than any other lily. The medium sized leaves and abundant flowers merit this waterlily among the very best. Do not fail to have this beauty in your collection.

50c each—3 for \$100

NYMPHEA ODORATA MAJOR (White)

Practically the same as above, with the exception of being about twice as large in all proportions. Fine for large pools and lakes.

\$1.00 each—\$10.00 dozen

NYMPHEA GLADSTONE

(White) This is another popular white. Six to eight inch flowers merit this lily a large following. No wonder, the dazzling white will entrance you.

\$2.00 each

(Pink) An ideal pink to use in a tub. We will not praise this lily too highly, we want you to see for yourself.

\$1.25 each

(Pink) Five inches of pink flower, accounts for the desirability of this lily. You will not be disappointed.

\$1.50 each

(Yellow) One of the best yellows on the market. This is the most popular yellow for a tub garden.

\$1.00 each

(Yellow) Another popular yellow. There are very few ponds without this primrose of the water family.

\$1.50 each

(Apricot) The blossoms are a beautiful clear apricot, shading red as the flowers grow older. A very rare color that should not be overlooked.

\$3.00 each

(Orange-red) We cannot recommend this lily too highly. It has the distinction of raising its flowers above the water. It opens a rich apricot and deepens to a coppery red, with the center of orange stamens.

\$5.00 each

NYMPHEA MEXICANA

NYMPHEA TUBEROSA

NYMPHEA FLAVA

NYMPHEA CHROMATELLA

NYMPHEA SIOUX

NYMPHEA COMANCHE

night blooming tropical water lilies

NYMPHEA OMARANA

(Pink) Flowers of the largest style, petals of a reddish pink with nearly white stripes up the center.

\$2.00 each

NYMPHEA DEVONIENSIS

(Red) Flowers are from eight to ten inches across, of a bright rosy red color, borne on stout stems well above the water.

\$2.00 each

NYMPHEA DENTATA

(White) What a lily you will say, and we think so too. The flowers are large and cup shaped. The petals are white and with a delicate pink stripe. A vigorous grower.

\$3.00 each

NYMPHEA VICTORIA TRICKERI

(Pink) The leaves grow to five feet across and even exceed this, with beautiful pink flowers measuring one to two feet wide. Should have at least five to ten feet of very rich soil to grow in. Requires a water surface of 75 to 125 feet to bring it to perfection. For very large pools only.

\$15.00 each

NYMPHEA BLUE BEAUTY

(Blue) Like the blue sky on a clear day. The largest flower of the tropical lilies.

\$5.00 each



day blooming tropical water lilies

NYMPHEA ZANZIBARIENSIS

(Blue) This lovely blue hails from distant Africa to bring you that much desired tropical effect. It has an entrancing fragrance.

\$2.00 each

NYMPHEA ZANZIBARIENSIS RUBRA

(Red) One of the most beautiful reds that can be obtained. You will not regret the acquisition of this lily.

NYMPHEA MRS. C. W. WARD

(Pink) One of the most pleasing of the day bloomers. It is a profuse bloomer and vigorous grower. A fine lily.

\$2.00 each

NYMPHEA MRS. GEO. H. PRING

(White) A most desirable white tropical. It bears large white flowers in most attractive style.

\$3.00 each

the sacred lotus

Five thousand years ago the lotus were cultivated in the gardens of the Egyptians. The charm of these famous flowers are even more so in this modern day. They will add a hundred fold to any pond and will be the center of attraction. Do not think of having a water garden without at least one of these sacred flowers.

NELUMBIUM SPECIOSUM

The real Egyptian lotus. Pink flowers that entranced these ancient people, will do so even more for you.

\$2.00 each

NELUMBIUM LETEA

The American Lotus. Yellow flowers of equal beauty as the pink.

\$2.00 each

pool collections

the fontainbleau

This is just the collection for a 4x6 pool or thereabouts. Comprises all that is necessary to make a beautiful pool. We feel sure that we have filled a much needed want by offering this. You cannot duplicate it for the same prices anywhere in the country. We submit the following: Lilies, one white, one yellow and one pink. Lotus: one pink. Two umbrella palms, two water Arums, six Purple Water Hyacinths, six Purple Pickerel Rushes. For the border: twelve Forget-me-nots, six Purple Water Iris, one Taro Rubra, one Colocasia Multifolia, two Quill Reeds, thirty plants Parrots Feather. Catalog value **\$11.75**, but due to our liberal discount The Fontainbleau will cost **\$7.50**.

the versailles

For the larger pool of about 6x8 or thereabouts. The Versailles is more than you can really ask for for the money. We have spared nothing in making this collection complete. We know without doubt you can not find one more liberal. Lilies: one white, one pink, one yellow and one tropical blue. Lotus: one pink. Four Umbrella Palms, two Water Amaryllis, two Water Arums, twelve purple Water Iris, twelve Primrose Creepers, twelve Tradescantias, twelve Purple Water Hyacinths. For the border: twelve Forget-me-nots, thirty plants Parrots Feather, three Marsh Orchids, one Four Leaf Clover, two Marsh Ferns. Catalog price **\$13.75**. The Versailles will come complete to you for **\$10.00**.

the pontalba

For the very large pool of about 12 feet or nearly so. The Pontalba answers the call for an estate pool and we know this collection will more than serve. Six Waterlilies, no two alike, one Pink Lotus. Twenty-five water plants, twenty-five border plants. Twenty-five submerged water plants. You will receive over one hundred plants, with a catalog price of over **\$20.00**. The Pontalba will be **\$15.00**



tub gardens

Perhaps after reading all about water gardens, you are blue and disappointed because you live in the city or on rented grounds, with just a small amount of space. Brighten up, we have solved that problem, with the tub garden. An inexpensive acquisition and hours of charm and delight is possible. No other trouble than to dig the hole and place the tub in. Get some cobble stones to place around for effect. If we could only let you in on what is waiting for you after the tub garden is started, but that is up to you. Waste no time and get started now so that you may have the whole season before you.

An evening at home, you've had a hard day at the office, probably you are dead tired, you go out into the yard and sit on the lawn, gazing into the tub garden of your dreams, with the exquisite colors of the water lily, and the hyacinth. The umbrella palm and cattail lazily shifting in the breeze, fish gracefully swimming to and fro, a water snail slowly cleaning off a lily pad stem, how can you bear to miss this?

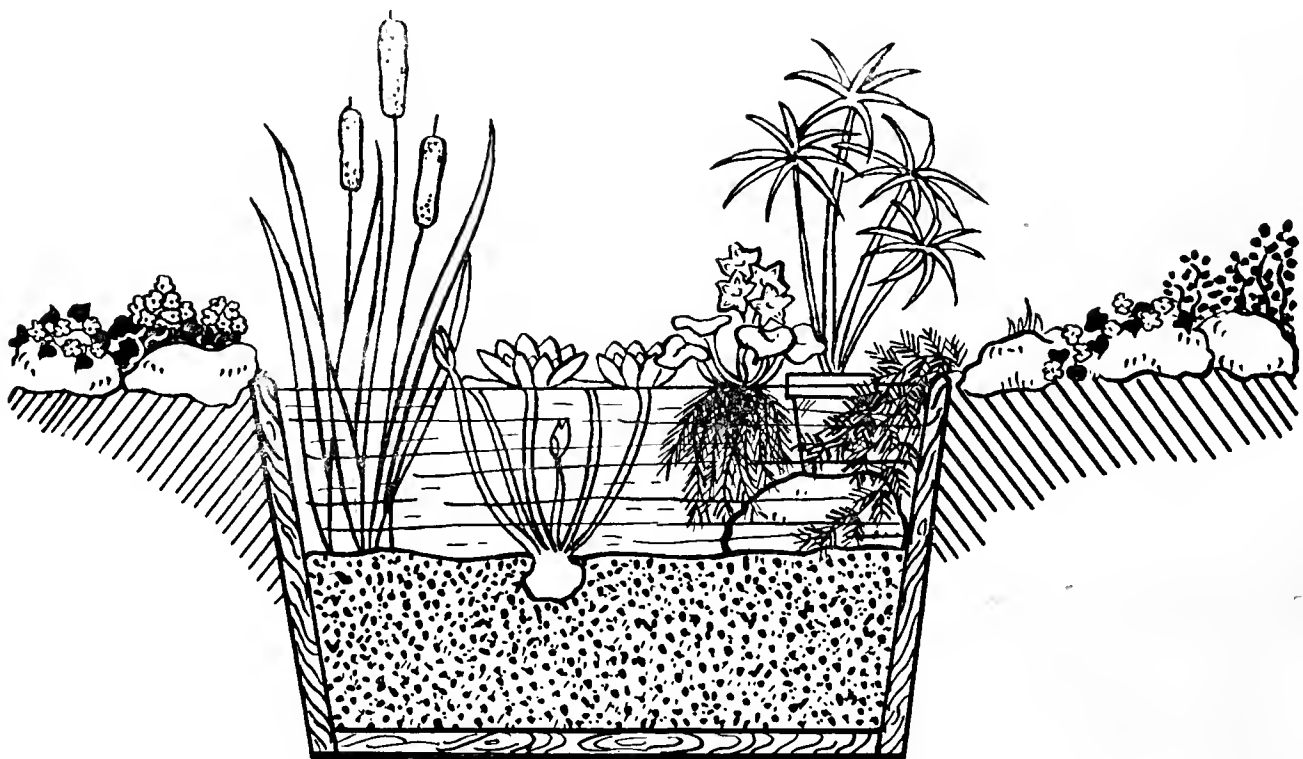
TUB GARDEN COLLECTION—This collection is about the most liberal in the world, offering most for the amount invested. You will receive one beautiful white waterlily; two purple water hyacinths; one umbrella palm; 12 plants parrots feather; 12 plants primrose creeper; one cat-tail. Plants to be planted around the border: eight purple iris; 2 Marsh Ferns; 12 plants Marsh Pennywort; 6 plants Marsh Forget-Me-Nots and six plants Tradescantia. This collection has a catalog value of \$4.00, you may have it for **\$3.00**. This does not include the tub.

GENUINE CYPRESS TUBS—The Eternal Wood—Made of guaranteed clear heart Tidewater Gulf Cypress. This is the only wood that should be used for tub gardens. It costs about twice as much but it will last ten to fifteen times as long. Why worry replacing tubs every few years, have something that will last. You will save by using these tubs exclusively. In the city of New Orleans, pure cypress water pipes were taken up not so long ago and were found in perfect condition after being buried for over one hundred years.

This is something to consider. There is no wood to equal cypress for aquatic purposes. We are not offering the cheap tubs that are made of pine and other woods. These tubs are two feet across and eighteen inches deep. Banded with two belts of twelve gage galvanized iron. The thickness of the cypress is seven eighths of an inch throughout. The strongest tub ever offered to the aquatic trade. **\$5.00 each.** With the above collection **\$4.50 each.**

We also have two other types of Cypress tubs. These tubs are not as strong as the above tub but will out last any other tub three times and perhaps more. So far we have never had one to rot. The number two is eighteen inches across and banded with wire. **\$2.25 each.** Tub number three is two feet across and banded with wire, **\$2.75 each.** Get the best while you are at it.

COMPLETE COLLECTION—Above tub collection and number two cypress tub, both for **\$5.00.** Collection with number three cypress tub, **\$5.50.**



—THE WATER GARDEN OF YOUR DREAMS IS POSSIBLE—



marsh and pool plants



It is impossible to have a realistic pool without the addition of shallow water plants. A profusion of these plants will make a pool natural. They are delightful to the eye and help to show off the waterlilies. A goodly supply is absolutely necessary to have the water garden of your dreams. These plants make all that and more possible. Why have a pool unless you are getting all the pleasure it can give.

You will find in the following that the plants are listed in several groups. In each group you will find how to plant them.

These plants listed under this heading prefer to be planted at the edge and near the water garden. Do not plant them in the water.

marsh plants



FOUR LEAF CLOVER (*Marsilea Drummondii*)—Just as the name implies. This is a real four leaf clover and every leaf is a four leaf. It is a lucky pool to have this plant growing near it.

\$1.25 each—\$10.00 per dozen

MARSH PENNYWORT (*Hydrocotyle vulgaris*)—

Bright green scalloped shaped leaves. A new introduction by us. Try this delightful little plant. Grows about 5 inches high.

10 plants 25c—30 for 50c



UMBRELLA PALM (*Cyperus Alternifolius*)—Feathery crown borne on a slender stem. Very effective in pools for a tropical touch. An excellent house plant in the winter, if pot is kept in a saucer of water. Two feet high.

Small plants 25c—5 for \$1.00—12 for \$2.00
Large plants 50c—5 for \$2.00—12 for \$4.00

MARSH FERN (*Osmunda Claytoniana*)—Clothed with loose wool when unfolding its fronds, but soon becoming perfectly smooth. As this is a tropical fern its height varies according to conditions. In the south it will attain a height of two to 5 feet.

Small plants 25c—5 for \$1.00—12 for \$2.00
Large plants 50c—5 for \$2.00—12 for \$4.00

BOG FERN (*Osmunda Regalis*)—Different from the above. Much more bushy. A little taller and can be planted at the very edge.

50c each—5 for \$2.00—12 for \$4.00

GOLDEN CLUB (*Orontium Aquaticum*) Lilly shaped leaves of dark velvet green. Yellow flowers borne on a tall spike.

50c each

5 for \$2.00—12 for \$4.00



BLADE LEAF (*Limnosella Aquaticana*)—

Light green leaves that are blade shaped. No flowers. A novelty.

10 Plants 25c—30 for 50c



MARSH ORCHID (*Hapernarium Repens*)—A ground orchid to be grown at the very edge of the pool. Lady slipper-like flowers.

50c each

3 plants \$1.00—12 plants \$3.00

WATER CRESS (*Nasturtium Aquaticum*)—

This variety is edible. Grows best at the very edge. Small white flowers.

6 plants 25c—18 for 50c

AZURE HYACINTH (*Eichhornia Azurea*)—Much more handsome than the water Hyacinths. A creeping plant with beautiful azure hyacinth flowers.

2 plants \$1.00—\$5.00 per dozen



UMBRELLA GRASS (*Cyperus Esculentus*) Related to the Umbrella Palm. The lower leaves are like grass, with the tall growing stems topped with an umbrella like growth. Very attractive.

5 for \$1.00—12 for \$2.00



MARSH FORGET - ME - NOT (*Myosotis Palustris*)—Same beautiful blue flower of the much written Forget-me-nots. To be grown at the edge.

2 plants 25c

6 plants 50c—12 plants \$1.50

TRADESCANTIA IMMACULATUS—Also called wandering Jew. A creeping tropical plant with almond shaped leaves. All the following varieties can be grown indoor in bowls and allowed to hang over. Very attractive if all varieties are grouped together.

TRADESCANTIA IMMACULATUS GIGANTEA—Giant variety of the above. Same price.

TRADESCANTIA VARIEGATUS—Striped yellow and green.

TRADESCANTIA TRICOLOR—Striped in silver, purple and green.

5 plants 25c—12 plants 50c

BAMBOO CANE (*Phragmites Communis*)—Fine for background plantings.

6 plants 75c—12 for \$1.25

QUILL REED (*Juncus Follicularis*)—Tall needle like stems. Deep green. One of the best backgrounds for a pool.

50c per clump and up



marsh plants

PITCHER PLANT (*Sarracenia Rubra*)—This is the most peculiar plant that we offer. Each leaf seems to be a flower in itself due to the vivid colors. Leaves are pitcher shaped, hollow with a lip on top. Very heavily veined in red, with a yellow background. Red flowers that look like a lantern.

SARRACENIA FLAVA—With red flowers.

SARRACENIA VARIOLARIS—With purple flowers.

SARRACENIA PURPUREA—With purple-red flowers.

We reserve the right to substitute any one of the above should we be sold out of a given variety.

1 plant 50c—3 plants \$1.00—12 for \$4.00

TARO VARIEGATUS (Fancy leaved caladium) — Leaves are shaped like the elephant ear. This is a tropical plant and cannot be planted until warm weather. The leaves of this variety are colored in yellow and light green or white and light green. Plant at the edge of the pool.

TARO RUBRA—Green spotted in red.

TARO PURPUREA—Leaves pink fading to purple.

ELEPHANT EAR (*Colocasia Multifolia*)—Heart shaped leaves. Deep green. A beautiful tropical plant.
50c per plant

TARO VIOLET STEMED—Leaves are dark green, veined in purple. Stems are all purple.

\$1.50 per plant

GODFREY CALLA (*Calla Devoniensis*)—Arrow shaped leaves. Makes the real calla flowers. Leaves are plain green. Plant at the edge of pool.

\$1.00 per plant

TARO VARIOLARIS — Rainbow mixture with green background.

\$1.00 per plant

GOLDEN CALLA (*Richardia Elliottiana*)—Leaves spotted in yellow.

\$1.00 per plant

DIEFFENBACHIA MACULATA—This is a rare tropical plant. Leaves are spotted in yellow, growing from a thick stem. A wonderful indoor plant.

\$2.00 per plant

PHILODENDRON CORDATUM—A tropical plant with heart shaped leaves. Can be grown potted in an aquarium with good results. Fine for indoor bowls.

PHILODENDRON VARIEGATUS—Same as above, but leaves are spotted in yellow.

50c per plant

JAPANESE EVERGREEN (*Aglaonema Immaculatus*)—This is another tropical plant. Plain green almond shaped leaves. Rather rare.

50c per plant

MOSS FERN—This is a very bright green bog growing only in the shade. Makes no individual leaves. The leaves are needle like growing from main stem. Odd novelty.
50c each

shallow water plants

These plants are to be planted in the water. About two to three inches deep, unless otherwise stated. Don't forget to include some of these.



PARROTS FEATHER (*Myriophyllum Proserpinacoides*) Our illustration will give you a good idea of what this popular plant looks like. It is a semi-aquatic. To be planted in the mud and will grow above the surface. Try this for growing in bowls and jars.

15 plants 25c—40 plants 50c

THALIA DEALBATA — A hardy bog that can be planted as deep as twelve inches. Has stately canna like leaves. Grow about two feet high. Purple flowers.

50c each—3 for \$1.00

THALIA DIVARICATA — Same as the above, only this grows to four feet.

75c each—3 plants \$1.50

NAID FLEXILIS—Semi-aquatic sagittaria. White flowers on tall spikes.

2 plants 25c—6 for 50c



PICKERAL RUSH (*Pontederia Cordata*)—You will never see a well planted pool without pickeral rush. It has fascinating blue flowers borne on tall spikes. Can be planted as deep as one foot.

2 plants 25c—6 for 50c



SPIDER LILY — (*Hemerocallis*) — A bulb plant that will give you plenty of flowers. Flowers are white with long streamers.

2 bulbs 25c—6 bulbs 50c



IRIS VERSICOLOR (Water Iris)—Colors varying in blue and purple with over 200 variations. We cannot promise what color you will receive as they are not classified yet. You may receive some that will prove to be very rare and valuable. Particular attention is called to Iris collectors as these will afford the finest material for hybridizing.

2 plants 25c—6 for 50c



shallow water plants

WILD RICE (Zizania Aquatica)—Fine for planting with the idea of filling space. Spring time only.

3 plants 50c—12 plants \$1.50

WATER AMARYLLIS—A bulbous plant to be planted in about six inches of water. Flowers are white striped in red.

2 for 50c—6 for \$1.00

BROWN IRIS FULVA—Would you believe it. Brown, brown-red and bronze, plus the variation that can be produced by fusing these colors. First time the public is to have a chance to obtain them. No specific color guaranteed. Think of the possibilities that awaits the enterprising breeder. Our stock is not very large. Place order now so we can ship as soon as we are ready.

3 plants \$1.00—12 for \$3.50



CATTAIL (Typha Latifolia)—A well known pool plant. Their banner-like leaves even taller than the flowers, are smooth olive-green, shimmering and silvery when the wind shakes and turns them. Flower is brown and resembles a cattail.

3 plants 50c—12 plants \$1.50

WATER ARUM (Peltransa Virginiana)—This is a calla like plant. Calla flowers of greenish white.

2 plants 25c—6 for 50c

WATER PLANTAIN (Alisma Plantago-aquatica)—Almond shaped leaves of bright green, borne about three feet above the water. Beautiful clusters of white flowres.

25c each—3 for 50c

SAGITTARIA LATIFOLIA—Blade like leaves on very stout stems. Beautiful cluster of white flowers, on a tall stem.

25c each—3 for 50c



SAGITTARIA SINENSIS—

During the summer time we can offer this plant with the summer growth. To be planted in three inches of water. Will bear attractive white flowers.

2 plants 25c—6 for 50c

DAGGER RUSH—Leaves like that of Iris. Deep red green in color. Small white flower on a very delicate spray of stems.

2 plants 25c—6 for 50c

ARROWHEAD (Sagittaria Latifolia)—Arrowhead shaped leaves. White flower that will improve any pool.

2 plants 25c—6 for 50c

PAPYRUS ANTIQUARIUM—Egyptian paper plant. A very tall growing plant. At the top of each stem it bursts into a spray of needle like leaves.

Large clumps \$1.00 each

NUPHAR ADVENA—A large leaf waterlily, developing small yellow flowers of about one inch. Fine as a space filler for large ponds and lakes.

50c each—\$5.00 per dozen—\$25.00 per 100

bog plant collections

the audubon

Perhaps you already have all the waterlilies you need and probably find the need of more bog and border plants. This collection is offered for that purpose. Shallow water plants: six Purple Water Iris, six Forget-me-nots, fifteen plants Parrots Feather, six Purple Pickeral Rushes, three Spider Lilies, three Water Amaryllis, one Thalia Dealbata, and one Four Leaf Clover. Catalog value \$4.50, but The Audubon is yours for \$3.50.

the iberville

A collection of border plants that will add one hundred fo'd to your pool. Bog or border plants: two Umbrella Palms, two Marsh Ferns, three Marsh Orchids, one Four Leaf Clover, one Quill Reed, one Colocasia Multifolia, and two Taro Rubras. Catalog price \$5.75, but The Iberville was made especially to sell for \$4.50.

the bienville

This collection will comprise both of The Audubon and The Iberville and more. The Bienville will cost \$7.00

the chartres

Especially comprised for tub gardens. This will be a surprise collection and we guarantee that you cannot duplicate it for less than \$4.00 anywhere. The Chartres is \$2.00.



aquarium plants

Many have indoor aquariums with gold and tropical fish. We offer the plants that fall under this class for those that use them and want something rare and odd. With 125 varieties to pick from, we feel that we can please everyone, regardless of your desires. We have a more complete stock in this line than any other concern in the world.

It is utterly impossible to balance an aquarium without sufficient water plants. By balanced we mean, that once set up it no longer needs attention. The water never needs to be changed. You doubt this. We have aquariums that have not been touched in two years, other than adding water to take up the evaporation.

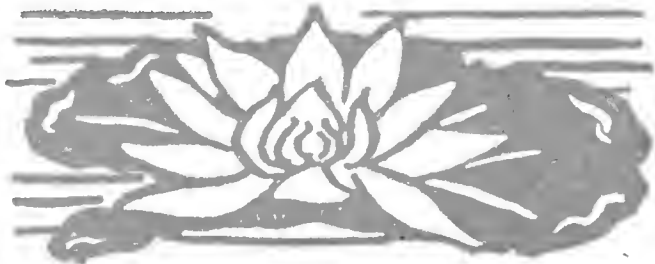
We cannot think of anything so beautiful as an indoor aquarium well planted with fish lazily swimming to and fro, in and out the plants. Think, on a cold and wintry evening and snow without, you looking into a midsummer effect, the delightful green plants, when everything is dead and covered with snow. Those who are wise to this end of the water gardening, know what it is to sit and look into a well planted tank and dream, dream of everything and by the hour. Nothing in the world can fascinate you as this can. This old world is full of wonderful things and this is one that is too inexpensive to overlook.

The water plants are offered in several groups, namely; submerged rooted, submerged floating and surface floating. The plants of the submerged rooted class should be planted in the sand. They will take root and flourish beyond your hopes. They are easy to grow and absolutely require no attention once planted. You will have to keep watch that they do not multiply too fast, and when they do become crowded, weed them out, give them away or sell them. The submerged floating are just placed in the water and they will float near the surface. These plants are very important for breeding fish. The mother will spawn her young in them and the young will hide from the larger fish. They are all wonderful oxygenators and very ornamental. The plants of the surface floating class float right on top of the water. These plants are purely ornamental, also the roots afford good hiding places too. You will not find a well planted aquarium without some of these.

We wish to warn you against the usage of ornaments, such as castles, shells, pebbles, gravel and very coarse sand. The use of these allow uneaten food to lodge where the water snails can not get. The result is milky white water and will throw the aquarium out of balance. Water snails are very important. They will eat any and all left over food, decomposed matter and in addition will keep the plants clean, bright and green. The glass sides will also be kept free of dirt and green algae. We do not advise the addition of tadpoles. In plain words they are a nuisance, keeping the water disturbed and uprooting the plants. In other words they make things a general mess and will make the fish nervous. Newts or Salamanders are very odd and unusual. They make fine pets and are very graceful.

It is best that an aquarium be placed near a window with a southern exposure and so it will receive a few hours of sunlite. The aquariums can be purchased from pet shops or tropical fish dealers. We do not handle them.

And last but not least, use sand in the bottom of the aquarium about two or three inches thick. For best results, place in the very bottom a thin layer of rich garden soil and cover with the sand.





submerged rooted plants

Plants offered here comprise most of the important plants for the aquarium and pool. They afford a hiding place for the young and are excellent oxygenators. These are very easily grown, just be sure that they receive strong light and a few hours of sunlight. Of course they will grow very nicely with only indirect light. These plants are to be planted in sand or soil, either in aquarium or pool.



ANACHARIS (Elodia Densus)—Every aquarium should contain this most popular plant. Illustration will give you a good idea.

12 plants 25c
30 for 50c—75 for \$1.00

CABOMBA — (Cabomba Caroliniana)—Commercially there is no doubt Cabomba is the leading plant. It's finely-cut, fan like bright green leaves make it a very beautiful plant.

12 plants 25c
40 for 50c—100 for \$1.00



VALLISNERIA SPIRALIS—One of the tape like plants and has strap shaped leaves almost the same breadth as their entire length. Needs no introduction, as without doubt it is the best all round aquatic plant. An aquarium without Vallisneria is the same as without fish.



Wild—12 plants 35c—40 \$1.00
Tank—12 plants 50c—30 \$1.00
Aquarium—12 plants 75c; 50 \$2.00

VALLISNERIA GIGANTEA—Same as the above. To be used when water is 18 inches deep and over. Offered in four sizes; small, medium, large and extra large.

12 plants \$1.00
25 plants \$1.75—50 plants \$3.00



LUDWIGIA MURLETTI—This is the large variety. When placed in direct sun it will turn a delicate pink. It is one of the important plants due to its decorative value. Leaves three quarters of an inch broad.

12 plants rooted 25c--40 for 50c

LUDWIGIA PURSLAIN

The beautiful small leaf type. The kind you have always wanted. This is the best seller of the Ludwigias.

12 rooted plants 25c—50 for 50c

LUDWIGIA ALTERNEFOLIA—Similar to above. Of coarser structure. Has tendency to turn pink. Highly recommended.

12 rooted plants 25c—30 for 50c

SAGITTARIA MONTEVIDENSIS—The super giant variety. Leaves are nearly two inches broad. Leaves fold over like a palm or fan. As there are no Madagascar Lace Plants in this country at present, we offer this as a close substitute. Shipped only from October thru April.

50c each—12 for \$4.00



LUDWIGIA ROSEA—Same as Murlettii, but this variety is always red. Many fanciers have gone wild over this.

12 plants 50c—30 for \$1.00

SAGITTARIA SINENSIS

The plants that we ship are exceedingly healthy plants, with root



stocks about as thick as an index finger. Offered only from October to and thru April.

12 plants 50c—30 plants \$1.00

SAGITTARIA NATANS

Similar to Vallisneria. Long slender leaves.

12 plants 50c—30 for \$1.00

SAGITTARIA PUEILLA

This is the dwarf variety. About three inches in height.

12 plants 50c—30 for \$1.00



SAGITTARIA LANCIFOLIA

This is the giant variety. About 12 inches and over in height. Fine for fish to spawn on.

6 plants \$1.00—12 for \$1.50

PRIMROSE CREEPER (Jussiaea Repens) Trailing vine that grows partially submerged and produces a profusion of large bright yellow flowers. Rapidly growing plant thriving in sun and shade.

12 plants 25c—30 for 50c



MYRIOPHYLLUM VERTICILLATUM—Best spawning plant we have. Every fancier is familiar with this. Red or green.

20 plants 25c—50 for 50c

HERPESTIS AMPLEXICAULIS (Bacopa)

This is one of the most important recent additions to the aquatic line. Thick heavy set leaves and stems. Has an odor when taken from the water.

15 plants 25c—50 for 50c



CALLITRICHE VERNA (Starwrot)

Very bright green and delicate. If you once saw this plant you would want it.

25c per portion—5 for \$1.00

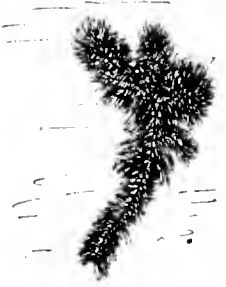


CRYPTOCORNE—A rare and much sought after plant. Deep green leaves, elongated in shape.

50c each—\$5.00 per dozen



submerged rooted plants



HORNWORT
(*Ceratophyllum Demersum*)
Somewhat resembles a bunch of grapes. Probably the most densely leaved of all plants.
6 clusters 25c—12 for 50c

UNDER-WATER PINE

(*Sphagnum fragilis*)

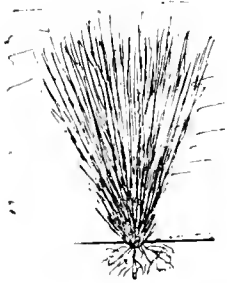
A very beautiful and showy plant introduced by us. The popularity of this plant has far exceeded our highest expectations.
25c per portion—5 for \$1.00



UNDERWATER PALM (*Juncus Repens*)—
The palm of aquatic plants. No aquarium complete without this. Repeat orders justify how wonderful it is
12 plants 50c—36 plants \$1.00

HAIR GRASS

(*Eleocharis Acicularis*)—
This is the very best variety obtainable. It is not the thickly matted type. Each plant you receive are individuals and can be placed where you want them.
12 plants 50c—36 plants \$1.00



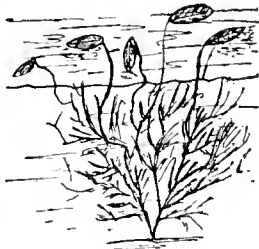
GIANT HAIR GRASS

Same as above only taller. About six inches high.

12 plants 50c—36 plants \$1.00

POTOMOGETON NATANS

The two in one plant. Thick hairy leaves that are submerged, and almond shaped leaves that float on the surface. Indeed worth having.
50c per portion—3 for \$1.00



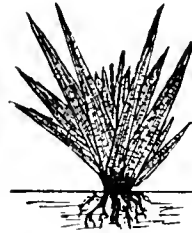
POTOMOGETON GRAMINEA — Same as above but no floating leaves.
50c per portion—3 for \$1.00

POTOMOGETON CRISPIS—This plant is entirely different from the above. Almond shaped leaves growing on the main stems.
3 plants 50c—12 plants \$1.50

POTOMOGETON LANCEOLATA—Same as above, only leaves are elongated.
12 plants 50c—36 for \$1.00

HETERANTHERA ZOSTERAEFOLIA —
A new rare introduction made possible for the first time. Looks like Bermuda grass.
12 plant \$1.00—36 plants \$2.50

WATER VIOLETS (*Hottonia Inflata*)—
Entirely submerged spongy close cluster of thick and soft stems with pinnate crowned leaves in verticils and clustered at the ends and joints of the stems. Very rare.
12 plants \$1.50—50 for \$5.00



PIPEWORT

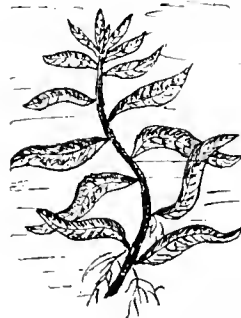
(*Eriocaulon compressum*)

Somewhat like the sagittaria in structure. Very bright green and one of the best plants we have to offer.
12 plants 50c—36 plants \$1.25

PROSERPINACA PALUSTRIS

A new plant just introduced by us last year. Lower leaves like the oak and the top like a fern.

12 plants 50c—30 plants \$1.00



PERSICARIA HYDRO-PIPEROIDES

It is commonly known as water pepper. A new introduction by us last year. Repeat orders have told us that the fanciers like it. We ask that you give it a trial.

3 plants 50c—12 for \$1.25



UTRICULARIA VULGARIS —
(*Bladderwort*)—This is one of the four varieties that we carry. We ask that you also try this plant. It is about as pretty a light green as possible. Thousands of delicate silk thread growing from the stems is the best description offered.
25c per cluster—5 for \$1.00



FONTINALIS FILIFORMIS

We do not carry the Gracilis variety. This one is better. Ideal for making a forest design in the aquarium.

50c per portion
\$1.00 rooted on wood

NITELLA TENUISSIMA

This is a delicate, fine stemmed plant. Quite popular.
50c portion—\$1. rooted on wood



SPATTERDOCK (*Cernuus Ibidum*)—The most popular aquarium plant, and it became this almost overnight. So beautiful, that everyone went wild over them. Estimating the quantity we sold, we figure that three quarters of all the aquariums in the country must have one. It is bright green and the open heart shaped leaves resemble a fan. We are determined that you see and get this plant. If you cannot afford to buy one, well, alright, we will give you one with your order.

3 small plants 50c—12 for \$1.50—Large 50c each



submerged rooted plants

WATER SNOWFLAKE (*Limnanthemum Indicum*)

White star-like flowers of 1 inch in diameter, are freely borne above the water.

3 plants 50c—12 plants \$1.50



FLOATING HEART (*Limnanthemum Nymphaeoides*)

Heart shaped leaves, with a profusion of bright yellow flowers.

3 plants 50c—12 plants \$1.50

CHINESE WATER CHESTNUT—Beautiful rosettes of mottled leaves float on the water, these trail, leaving long stems with fine roots.

50c each

HYDROPELTIS PURPUREA

Kidney Lily. Rooted in the sand, with the leaves floating on the surface. Makes tiny purple flower. Very rare.

3 plants 50c—12 plants \$1.25

WATER HYACINTHS—Everyone is familiar with this. Bears purple flower like the land Hyacinth. Fine for spawning goldfish.

2 plants 25c—6 for 50c



WATER HAWTHORN—An improvement of the old variety from the Cape of Good Hope. Lanceolate floating leaves, fragrant white flowers are borne on forked spikes.

\$1.00 each

submerged floating plants

These plants are to be placed in the water. They will float right next to the surface. All these are excellent hiding places for young fish. Adds to the beauty of the tank and are easy to grow.

UTRICULARIA MINOR (Lesser Bladderwort)

Also known as less Bladderwort. Bright green, thickly matted threads interwoven with one another. Another topper.

50c per portion—3 for \$1.00



UTRICULARIA AMERICANA

When this plant attains the length of eight inches, a very odd change results. From the main stem a stem will shoot to the surface and form a five-fingered creamy white star. From the center of this star another stem grows, which bursts into bright yellow flowers.

5 plants 50c—12 for \$1.00



UTRICULARIA MAJOR—The giant variety of Utricularia Minor.

50c per portion—3 for \$1.00

CRYSTALWORT (*Riccia Fluitans*)—Of all the plants in our great collection, this one leads the list. No wonder, it is the oxygenator supreme and hiding place deluxe. To give the slightest hint of the amount that we have sold would only arouse a doubt in your mind. Include some and see.

25c per portion—5 for \$1.00

CRYSTAL-LATTICE (*Lemna Triscula*)

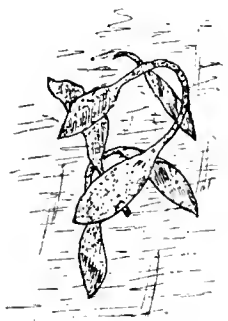
Ivy-leaved Duckweed. Forms zigzag chains and lattices floating just below the surface. Try it.

50c per portion—5 for \$1.00

FLOATING ELODIA (*Phylotria Canadensis*)

A hair like growing mass. Looks like weak Anacharis. Fine for spawning Danios.

25c per portion—5 for \$1.00



surface floating plants

WATER FERN (*Ceratopteris Thalictroides*)—Altho called water fern, the leaves are very unlike fern leaves. Our illustration will give you an idea of what they look like.

2 plants 25c—6 for 50c



WATER FERN (?)—Unclassified by us as yet. This in our opinion should be the true water Fern. Older leaves almost identical as the Baby Breath Fern. We can only ship the small plants. Large ones cannot be handled.

\$1.00 each—3 for \$2.00

AZOLLA CAROLINIANA—Beautiful crimply fan shaped leaves. Red or green.

25c per portion—5 for \$1.00

WATER POPPY (*Limncharia Humboldtii*), Plants root in the sand and the leaves float on the surface. Yellow flowers.

6 plants 75c—12 for \$1.25

LIMNCEBIUM SPONGIA (American Frog-bit)—This is a larger plant than the above. Blooms a small white flower. Will not thrive in an indoor aquarium. Will grow in green houses.

12 plants 50c—30 plants \$1.00



surface floating plants

LEMNA MAJOR—Duckweed. The larger variety of the above.

25c per portion—5 for \$1.00

LEMNA PERPUSILIA—Baby Duckweed. Plants about the size of a grain of sugar.

50c per tablespoonful

TRINEA BOGOTENSIS

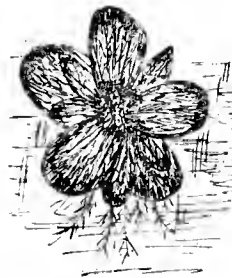
Also called frogbit. We think everyone knows these pretty little heart shaped leaf plants. Propagated by runners.

12 plants 50c—20 for \$1.00



LEMNA MINOR—Duckweed. Tiny almond shaped leaves. Propagates very quickly, will cover a pond in a short time. A portion contains about 500 tiny plants.

25c per portion—5 for \$1.00



SHELL FLOWER

(*Pistia Stratiotes*)

Floating plant with fluted, light green, velvety leaves, forming a rosette. Very popular.

2 plants 25c—6 plants 50c

FLOATING SALVINIA (*Salvinia Natans*)

The leaves are broad and oval, of a glaucous green color and covered with hairs which give them a soft appearance.

50c per portion—3 for \$1.00



RICCIA NATANS MINOR

Illustration shows it best.

50c per portion



RICCIA NATANS MAJOR

Stock very small. The large variety.

50c per portion

aquarium plant collections

the bourbon

This collection will balance any aquarium of ten to fifteen gallons. It is comprised of; submerged rooted: twelve Vallisnerias, twelve Sagittaria Sinensis, twelve Needle Grass, one Spatterdock, twelve plants Ludwigia Purslain and twelve Anacharis. Catalog value \$2.25, but The Bourbon will cost \$1.50.

the burgundy

For aquariums of twenty to twenty-five gallons. Submerged rooted: twenty-four Vallisnerias, twenty-four Sagittaria Sinensis, twenty-four Needle Grass, three Spatterdocks, twelve Herpestis, one Callitriche, twelve Underwater Palms, one Potamogeton Natans and twelve Anacharis. Catalog price \$5.75, but the Burgundy will cost only \$3.00.

the royale

A complete collection of submerged plants and floating. You will receive twelve Vallisneria, twelve Sagittaria Natans, twelve Herpestis, three Spatterdock. Floating plants: three Water Poppies, six Frogbit, one Azolla or Duckweed, two Shell Flowers and one Utricularia Minor. Catalog value \$2.25, but we are giving The Royale away for \$1.50.

the classique

Made for only very large aquariums. Thirty gallons and above. There is also a greater variety of rare and odd plants. twenty-four Vallisneria, twenty-four Sagittaria Sinensis, twenty-four Needle Grass, twenty-four Underwater Palm, one Potamogeton Natans, three small Spatterdock, one large Spatterdock, one Elodia, one Utricularia Minor, twelve Pipe-wort, one Utricularia Vulgaris, twelve Ludwigia Purslain, six Frogbit, three Water Poppies, one Salvinia, two Shell Flowers, one portion Azolla or Duckweed, twelve Herpestis and one Starwort. Catalog value \$9.25, but The Classique is only \$6.00.

the neron

Only rare and odd plants for any aquarium. Three Spatterdock, twelve Underwater Palm, one Cryptocorne, six Water Violets. Catalog value \$2.25, but it will only cost you \$1.75.



landscaping department



a complete department waiting for your command • we will plan the pool and surroundings and furnish the necessary plants • when writing give a rough sketch of your home and surroundings illustrating the gardens and location of any trees or objects • tell us how much grounds you have at your disposal • it will also be important that we have an idea of how much you are willing to invest • following the above rules s. b. baudier, jr., landscape architect, will have a fairly reasonable idea of what you suggest • may we be of some service to you?

cuban representative:

Our Cuban customers are now advised to obtain their plants from EL AQUARIUM, Hermanas Masnata, 106 Wilson Avenue, Havana, Cuba. EL AQUARIUM have a complete line of our plants and are ready to serve you with prompt and courteous attention. We do not ship to Cuba.



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